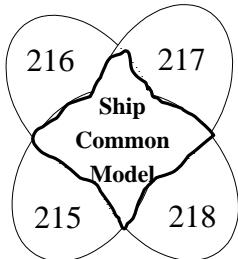




The Ship Product Model

- 216: Ship Moulded Forms
- 215: Ship Arrangements
- 218: Ship Structures
- 217: Ship Piping
- 226: Ship Mechanical Systems
- 234: Ship Operational Logs
- yy: Ship Hydromechanics
- ...

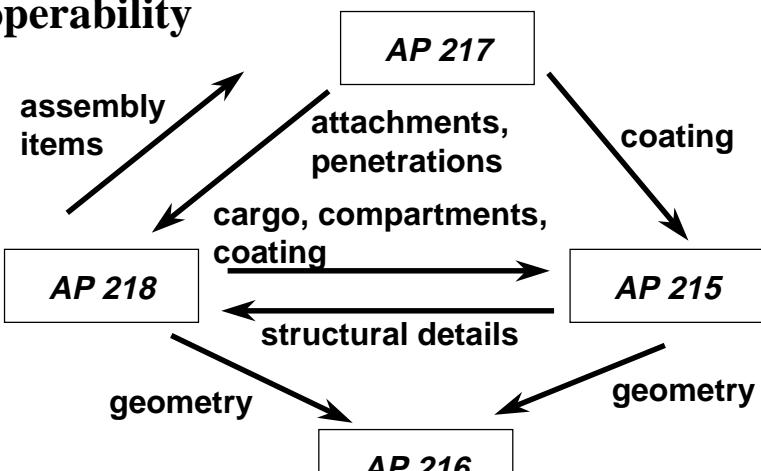


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Challenge: Interoperability



AP 217

AP 218

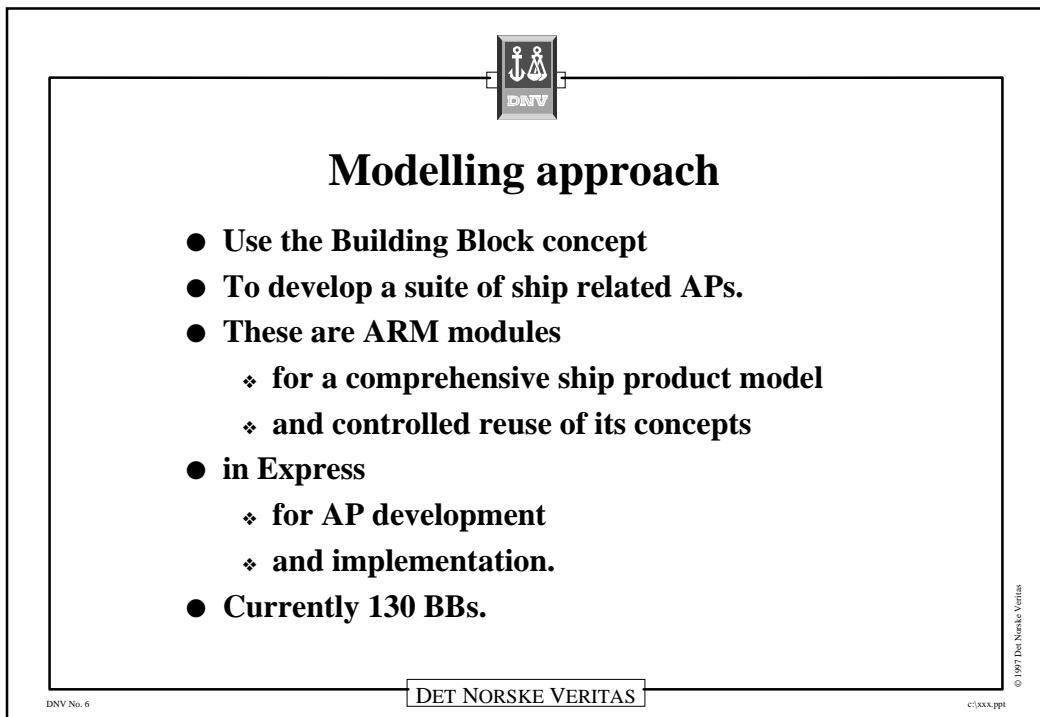
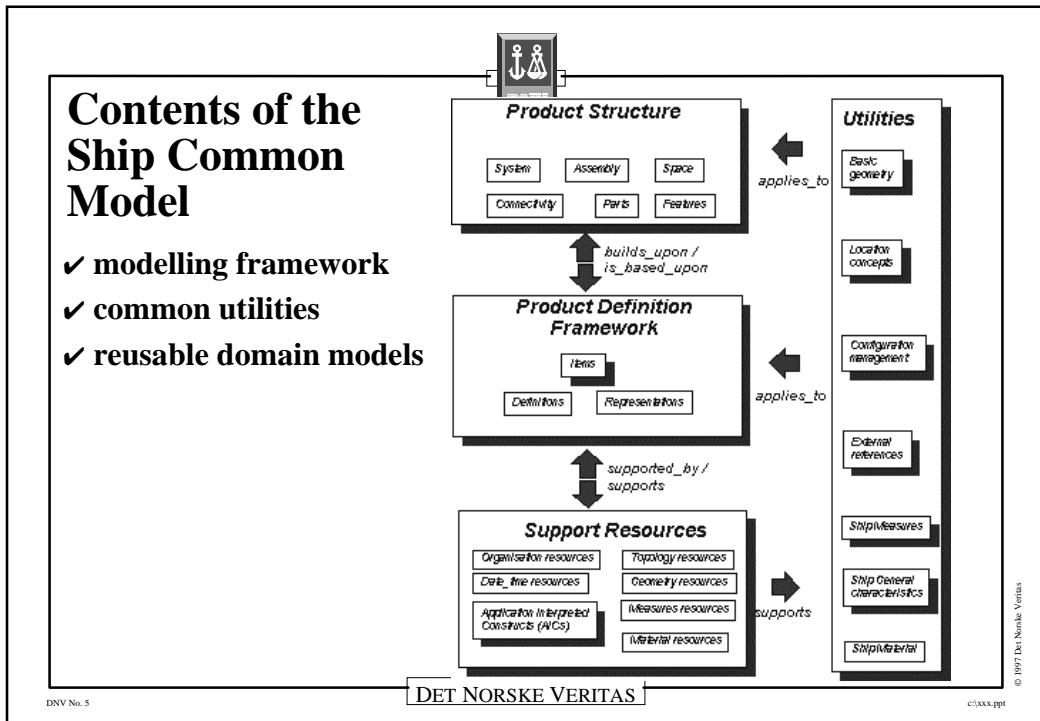
AP 215

AP 216

= needs

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The Building Block approach

- Requirements that they fulfil:
 - ❖ integrated model approach, re-use of sub-models
 - ❖ concurrent model development
 - ❖ ISO compatibility
 - ❖ suited for early implementation

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SCM domains

- modelling framework (Item-Definition-Representation)
- Parts
- Features
- Product structures (by space, system, assembly)
- General characteristics
- Configuration management
- Location
- Moulded form
- Ships
- Ship materials
- Externally defined references

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